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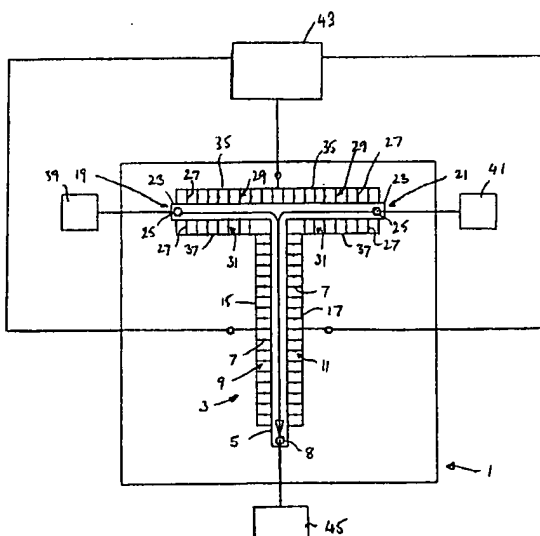
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(54) Title: POWDER MIXING MICROCHIP, SYSTEM AND METHOD



(57) Abstract: A powder mixing microchip for mixing powder components, a powder mixing system incorporating the same and a powder mixing method for mixing powder components, the powder mixing microchip comprising: a powder mixing unit (1) for mixing a plurality of powder components to provide a powder mixture, the powder mixing unit including a powder mixing (5) channel in which powder components are mixed on being transported there through, a powder outlet port (8) through which the powder mixture is delivered, and a plurality of mixing gas supply channels (7) fluidly connected to the powder mixing channel at spaced locations along a length thereof through which mixing gas flows are delivered to effect mixing of the powder components on being transported through the powder mixing channel.

## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
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## B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 925 827 A (USBI CO) 30 June 1999 (1999-06-30)	1,2,5-7, 17-19, 21,32, 35, 38-41, 44-48,52
A	column 1, line 3 - line 6 column 1, line 26 - line 51 column 3, line 29 - line 38 figures 1,6	3,4, 8-16,20, 22-31, 33,34, 36,37, 42,43, 49,53-71
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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